

## 09471400 BABOCOMARI RIVER NEAR TOMBSTONE, AZ

**LOCATION**--Lat 31°42'01", long 110°13'35", in NW<sub>1/4</sub>NE<sub>1/4</sub>NW<sub>1/4</sub> sec. 17, T.20 S., R.21 E., Cochise County, Hydrologic Unit 15050202, gage is on the left bank, approximately 2.4 mi southwest of Fairbank, and approximately 3.1 mi upstream from confluence with the San Pedro River.

**DRAINAGE AREA**--Undetermined.

**PERIOD OF RECORD**--Mar. 1999 to current year.

**GAGE**--Water-stage recorder and crest stage gages.

**REMARKS**--Records good.

**EXTREMES FOR PERIOD OF RECORD**--Maximum discharge 1,351 ft<sup>3</sup>/s, Aug. 14, 2005, gage height 6.11 ft. Minimum daily discharge, no flow at times in most years.

**EXTREMES FOR CURRENT YEAR**--Maximum discharge, 1,351 ft<sup>3</sup>/s Aug. 14 at 1800, gage height 6.11 ft. Minimum daily discharge, no flow for many days.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.04	0.45	0.60	0.91	0.95	0.99	0.85	0.95	0.38	0.00	0.00	0.45
2	0.05	0.52	0.61	0.98	1.0	0.99	0.89	0.98	0.34	0.00	0.00	0.43
3	0.05	0.55	0.63	0.95	0.99	1.0	0.85	0.96	0.31	0.00	0.00	0.45
4	0.03	0.57	0.69	0.95	1.0	1.0	0.85	0.88	0.30	0.00	3.0	0.44
5	0.03	0.59	0.65	0.94	1.0	1.0	0.90	0.82	0.27	0.00	2.5	0.46
6	0.03	0.56	0.69	0.94	0.99	1.1	0.87	0.73	0.21	0.00	0.16	0.43
7	0.03	0.54	0.67	0.94	1.0	1.1	0.90	0.69	0.21	0.00	0.13	20
8	0.03	0.55	0.69	0.94	0.94	1.0	0.85	0.71	0.20	0.00	0.15	39
9	0.03	0.56	0.71	0.95	0.99	0.99	0.84	0.64	0.17	0.00	0.15	22
10	0.04	0.59	0.74	0.95	0.97	0.99	0.92	0.60	0.17	0.00	0.19	1.5
11	0.04	0.55	0.74	0.96	1.0	0.99	0.91	0.58	0.14	0.00	0.18	1.0
12	0.05	0.56	0.75	0.96	1.1	0.99	0.86	0.56	0.13	0.00	0.21	0.91
13	0.07	0.56	0.77	0.96	0.99	1.0	0.87	0.54	0.10	0.00	0.27	0.83
14	0.08	0.61	0.78	0.98	0.99	1.0	0.86	0.52	0.07	0.00	326	0.74
15	0.09	0.59	0.80	0.99	0.95	1.0	0.86	0.50	0.04	0.00	44	0.71
16	0.08	0.59	0.80	1.00	0.95	1.0	0.86	0.46	0.02	0.00	5.3	0.71
17	0.09	0.57	0.82	1.00	0.99	0.97	0.86	0.47	0.00	0.00	3.0	0.63
18	0.12	0.60	0.82	1.0	0.99	0.94	0.85	0.49	0.00	0.00	3.2	0.57
19	0.14	0.61	0.83	1.0	0.96	0.96	0.84	0.46	0.00	0.00	1.1	0.58
20	0.14	0.60	0.85	1.0	0.96	0.94	0.88	0.45	0.00	0.00	0.94	0.59
21	0.17	0.60	0.87	1.1	0.97	0.94	0.86	0.42	0.00	0.00	0.80	0.49
22	0.24	0.64	0.87	1.1	1.00	0.94	0.84	0.39	0.00	0.00	0.74	0.48
23	0.27	0.65	0.88	1.1	0.96	0.89	0.89	0.38	0.00	0.00	0.81	0.47
24	0.29	0.65	0.88	1.2	0.97	0.90	0.92	5.9	0.00	0.00	0.79	0.43
25	0.30	0.63	0.88	1.1	0.94	0.88	0.94	1.9	0.00	0.00	8.8	0.41
26	0.65	0.64	0.90	1.2	0.98	0.82	0.93	0.62	0.00	0.00	0.92	0.40
27	0.59	0.63	0.92	0.91	0.96	0.87	0.88	0.58	0.00	0.00	0.73	0.38
28	0.46	0.62	0.92	0.90	0.97	0.87	0.89	0.62	0.00	0.00	0.64	0.36
29	0.41	0.61	0.90	0.90	---	0.84	0.90	0.57	0.00	0.00	0.55	0.33
30	0.41	0.58	0.90	0.92	---	0.85	0.93	0.48	0.00	0.00	0.49	0.31
31	0.43	---	0.91	0.93	---	0.84	---	0.42	---	0.23	0.43	---
TOTAL	5.48	17.57	24.47	30.66	27.46	29.59	26.35	25.27	3.06	0.23	406.18	96.49
MEAN	0.18	0.59	0.79	0.99	0.98	0.95	0.88	0.82	0.10	0.01	13.1	3.22
MAX	0.65	0.65	0.92	1.2	1.1	1.1	0.94	5.9	0.38	0.23	326	39
MIN	0.03	0.45	0.60	0.90	0.94	0.82	0.84	0.38	0.00	0.00	0.00	0.31
MED	0.09	0.59	0.80	0.96	0.98	0.99	0.87	0.58	0.03	0.00	0.73	0.48
AC-FT	11	35	49	61	54	59	52	50	6.1	0.5	806	191

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

MEAN	4.15	2.13	1.44	1.73	1.72	1.72	1.01	0.70	0.15	1.21	4.58	1.10
MAX	17.8	8.09	3.48	3.92	4.15	3.78	1.57	1.42	0.39	4.17	13.1	3.22
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2000	2002	2005	2005
MIN	0.18	0.59	0.79	0.99	0.98	0.95	0.63	0.42	0.01	0.00	0.11	0.07
(WY)	2005	2005	2005	2005	2005	2005	2003	2000	2004	2004	2004	2004

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	WATER YEARS 2000 - 2005
ANNUAL TOTAL	197.38	692.81	
ANNUAL MEAN	0.54	1.90	1.81
HIGHEST ANNUAL MEAN			3.89
LOWEST ANNUAL MEAN			0.65
HIGHEST DAILY MEAN	2.4	Apr 4	326 Aug 14 2005
LOWEST DAILY MEAN	0.00	Jun 10	0.00 Jun 14 2002
ANNUAL SEVEN-DAY MINIMUM	0.00	Jun 10	0.00 Jun 14 2002
ANNUAL RUNOFF (AC-FT)	392	1370	1310
10 PERCENT EXCEEDS	1.1	1.0	3.2
50 PERCENT EXCEEDS	0.58	0.67	0.74
90 PERCENT EXCEEDS	0.00	0.00	0.00